

Prasanta Kumar Bandyopadhyay

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,287
citations

759055

12
h-index

713332

21
g-index

24
all docs

24
docs citations

24
times ranked

1109
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil water stress and physiological responses of chickpea (<i>Cicer arietinum</i> L.) subject to tillage and irrigation management in lower Gangetic plain. <i>Agricultural Water Management</i> , 2022, 263, 107443.	2.4	8
2	Impact of mulching and nutrients on soil water balance and actual evapotranspiration of irrigated winter cabbage (<i>Brassica oleracea</i> var. <i>capitata</i> L.). <i>Agricultural Water Management</i> , 2022, 263, 107456.	2.4	10
3	Yield-water relationships of lentil grown under different rice establishments in Lower Gangetic Plain of India. <i>Agricultural Water Management</i> , 2021, 246, 106675.	2.4	3
4	Tillage and Potassium Management for Improving Yield, Physiological, and Biochemical Responses of Rainfed Lentil Under Moisture Stressed Rice-Fallow. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 637-654.	1.7	4
5	Zeolites Enhance Soil Health, Crop Productivity and Environmental Safety. <i>Agronomy</i> , 2021, 11, 448.	1.3	50
6	Raising Climate-Resilient Embolden Rice (<i>Oryza sativa</i> L.) Seedlings during the Cool Season through Various Types of Nursery Bed Management. <i>Sustainability</i> , 2021, 13, 12910.	1.6	4
7	Understanding the Impacts of Sowing Time and Tillage in Optimizing the Micro-Environment for Rainfed Lentil (<i>Lens culinaris</i> Medik) Production in the Lower Indo-Gangetic Plain. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 2536-2551.	1.7	6
8	Functional Behaviour of Soil Physical Parameters for Regulating Organic C Pools. , 2020, , 233-247.		2
9	Effects of Organic Amendments on Soil Physical Attributes and Aggregate-Associated Phosphorus Under Long-Term Rice-Wheat Cropping. <i>Pedosphere</i> , 2018, 28, 823-832.	2.1	46
10	Response of Lentil (<i>Lens culinaris</i>) to Post-rice Residual Soil Moisture Under Contrasting Tillage Practices. <i>Agricultural Research</i> , 2018, 7, 463-479.	0.9	15
11	Effect of Incubation Duration of Incorporated Organics on Saturated Hydraulic Conductivity, Aggregate Stability and Sorptivity of Alluvial and Red-Laterite Soils. <i>Journal of the Indian Society of Soil Science</i> , 2018, 66, 370.	0.1	5
12	Effect of mulching practices on growth and yield of forage crops under rainfed ecosystem. <i>Journal of Applied and Natural Science</i> , 2018, 10, 266-271.	0.2	0
13	Effect of Balanced Fertilization in Puddled Rice on the Productivity of Lentil in Rice-Fallow System Under Zero Tillage. <i>Bangladesh Agronomy Journal</i> , 2016, 19, 67-79.	0.2	0
14	Effects of stubble length of rice in mitigating soil moisture stress and on yield of lentil (<i>Lens</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 T	2.4	30
15	Comparison of Soil Physical Properties between a Permanent Fallow and a Long-Term Rice-Wheat Cropping with Inorganic and Organic Inputs in the Humid Subtropics of Eastern India. <i>Communications in Soil Science and Plant Analysis</i> , 2011, 42, 435-449.	0.6	17
16	Effect of organic inputs on aggregate associated organic carbon concentration under long-term rice-wheat cropping system. <i>Geoderma</i> , 2010, 154, 379-386.	2.3	121
17	Yield and water use efficiency of cauliflower under varying irrigation frequencies and water application methods in Lower Gangetic Plain of India. <i>Agricultural Water Management</i> , 2010, 97, 1655-1662.	2.4	8
18	Soil organic carbon pools and productivity in relation to nutrient management in a 20-year-old rice-berseem agroecosystem. <i>Biology and Fertility of Soils</i> , 2008, 44, 451-461.	2.3	94

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19	Potential of double-cropped rice ecology to conserve organic carbon under subtropical climate. <i>Global Change Biology</i> , 2008, 14, 2139-2151.	4.2	164
20	Organic Amendments Influence Soil Organic Carbon Pools and Rice-Wheat Productivity. <i>Soil Science Society of America Journal</i> , 2008, 72, 775-785.	1.2	239
21	The potential of cropping systems and soil amendments for carbon sequestration in soils under long-term experiments in subtropical India. <i>Global Change Biology</i> , 2007, 13, 357-369.	4.2	200
22	Soil organic carbon pools and productivity relationships for a 34-year old rice-wheat-jute agroecosystem under different fertilizer treatments. <i>Plant and Soil</i> , 2007, 297, 53-67.	1.8	143
23	Water balance and crop coefficients of summer-grown peanut (<i>Arachis hypogaea</i> L.) in a humid tropical region of India. <i>Irrigation Science</i> , 2005, 23, 161-169.	1.3	48
24	Actual evapotranspiration and crop coefficients of wheat (<i>Triticum aestivum</i>) under varying moisture levels of humid tropical canal command area. <i>Agricultural Water Management</i> , 2003, 59, 33-47.	2.4	70